



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>C08B 35/00</b>	<b>A1</b>	<b>(11) International Publication Number:</b> <b>WO 00/42076</b> <b>(43) International Publication Date:</b> 20 July 2000 (20.07.00)
<b>(21) International Application Number:</b> PCT/NL00/00018 <b>(22) International Filing Date:</b> 13 January 2000 (13.01.00) <b>(30) Priority Data:</b> 99200111.5 15 January 1999 (15.01.99) EP <b>(71) Applicant (for all designated States except US):</b> COÖPERATIEVE VERKOOP- EN PRODUCTIEV- ERENIGING VAN ARDAPPELMEEL EN DERIVATEN AVEBE B.A. [NL/NL]; Beneden Oosterdiep 27, NL-9641 JA Veendam (NL). <b>(72) Inventors; and</b> <b>(75) Inventors/Applicants (for US only):</b> BUWALDA, Pieter, Lykle [NL/NL]; Mondriaanstraat 32, NL-9718 MJ Groningen (NL). KESSELMANS, Ronald, Pieter, Wilhelmus [NL/NL]; Kromkampen 11, NL-9468 HK Annen (NL). MAAS, Au- gustinus, Arnoldus, Maria [NL/NL]; De Ree 7, NL-9753 BX Haren (NL). SIMONIDES, Hylke, Hotze [NL/NL]; Rozemarijnstraat 29, NL-9731 HJ Groningen (NL). <b>(74) Agent:</b> OTTEVANGERS, S., U.; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN The Hague (NL).		<b>(81) Designated States:</b> AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).  <b>Published</b> <i>With international search report.</i>
<b>(54) Title:</b> HYDROPHOBIC STARCH DERIVATIVES		
<b>(57) Abstract</b> <p>The invention relates to a process for preparing a hydrophobic starch, comprising etherification, esterification or amidation of a root or tuber starch comprising at least 95 wt.% of amylopectin, based on dry substance of the starch, or a derivative thereof, with a substituent comprising an alkyl chain having from 4-24 carbon atoms. The invention further relates to a hydrophobic starch obtainable by said process.</p>		